

stored depth, and conditions favorable for a good flow for irrigation purposes prevailed at the close of the month, except that the eastern counties are still too dry, due to the lack of precipitation earlier in the winter. In the Kansas area snow fell to a depth of 2 to 2½ feet, and occurring mostly on the 23d and 24th, seriously interfered with outdoor work and transportation interests. Over the Missouri area the snows were frequent, and in the Ozark Mountains it was heavy, the amounts ranging from 8 to 15 inches. In parts of the Meramec watershed 40 inches occurred. Over Oklahoma the snowfall was unusually heavy for the time of the season. Generally speaking, snowfall conditions in the mountains of the Colorado and New Mexico areas are satisfactory.

RIVERS.

No floods occurred in the Arkansas proper, but some of the tributaries in Oklahoma, Kansas, and Arkansas overflowed their banks. The lower Arkansas was at a navigable stage throughout the month.

The White River was falling until near the close of the month, when a sharp rise set in, and the river was rising at all stations at the close of the month.

High water prevailed in the Yazoo Valley.

The Red River rose during the first decade, fell during the second decade, and rose again during the third decade, but no flood stages occurred.

The Mississippi rose during the month and flood stages were reached as follows: Memphis, 33.8 feet on the 24th; Helena, 42 feet on the 26th; and Arkansas City, 47.2 feet on the 29th.

ABNORMAL SNOWFALL AT SPRINGFIELD, MO.

By JOHN S. HAZEN, Local Forecaster.

For total amount and number of days with snow on the ground the season of 1911-12 breaks all records at this station. The first snow occurred on October 20, 1911, and since that time the total amount has been 53.1 inches. The average annual snowfall for the last 25 years is about 15 inches. During January, 1912, the ground was covered with snow for 24 days, and on the date of writing, March 21, 1912, there is still snow on the ground. Snowfall occurred on 41 days, and on February 20 a depth of 20 inches was recorded, which exceeded all previous 24-hour snowfalls and was more than had ever before occurred during an entire month. This amount, 20 inches, has been exceeded by the total annual snowfall only four times during the last 25 years.